

Work Order ID 66003

February 1, 2011 1:08:00 PM



Page 1

Item ID: D3742-1

Accept



Setup Start



Revision ID:

Stop



Item Name: Bearing

Start Date: 2/01/11 Start Qty: 3.00



Cust Item ID:

Required Date: 2/04/11 Req'd Qty: 3.00

Customer:

Reference:

Approvals: Process Plan: CY Date: 11/02/10 Tooling: _____ Date: _____

Run Start



QC: _____ Date: _____ SPC (Y/N): _____ Date: _____

Stop



| Sequence ID/ Work Center ID | Operation Description | Set Up/ Run Hours | Tool ID | Tool # | Plan Code | Accept Qty | Reject Qty | Reject Number | Insp. Stamp |
|--------------------------------|--------------------------|----------------------|---------|--------|--------------|---------------|---------------|------------------|----------------|
|--------------------------------|--------------------------|----------------------|---------|--------|--------------|---------------|---------------|------------------|----------------|

Draw Nbr

Revision Nbr

D3742

Rev B

100

0.00



Purchasing

PURCHASING

Memo

0.00

Purchasing

Issue P/O: 134/4 ☐ Purchase Part Number: 6661K82 ☐ Supplier: McMaster-Carr ☐ Certificate of conformity is required

CY 11/02/10 3

110

0.00



Packaging

Receive & Inspect for Damage & Mat'l Certs

Memo

0.00

Packaging

Ensure certificate of conformity is attached

64/2/3 (3)

120

0.00



QC

QC6- Inspect dimensions to drawing

Memo

0.00

Quality Control

Sulzer

(43)

Work Order ID 66003

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Item ID: D3742-1

Accept



Setup Start



Revision ID:

Stop



Item Name: Bearing

Start Date: 2/01/11

Start Qty: 3.00



Cust Item ID:

Required Date: 2/04/11

Req'd Qty: 3.00



Customer:

Reference:

Approvals:

Process Plan: _____

Date: _____

Tooling: _____

Date: _____

Run Start



QC: _____

Date: _____

SPC (Y/N): _____

Date: _____

Stop

Sequence ID/
Work Center IDOperation
DescriptionSet Up/
Run Hours

Tool ID

Tool #

Plan
CodeAccept
QtyReject
QtyReject
NumberInsp.
Stamp

130

Identify as per dwg & Stock Location: 080

0.00



Packaging

Memo

0.00

Packaging

Peppery (3)

140

QC21- Final Inspection - Work Order Release

0.00



QC

Memo

0.00

Quality Control

11/02/07 *[Signature]*

NE
11-02-04

Picklist Print

February 1, 2011 1:07:59 PM

Page 1

Work Order ID: 66003



Parent Item: D3742-1



Parent Item Name: Bearing

Start Date: 2/01/11

Required Date: 2/04/11

Start Qty: 3.00

Required Qty: 3.00

Comments: IPP Rev:A New Issue 08-02-11 DD verified by:EC

| Component Item ID/ Item Name | Replacement Item ID | Mfg/ Purch | Bin Item | Primary Location | Last Location | Route Seq ID | Unit of Measure | Qty on Hand | Qty per Kit | Total Qty | Qty Issued | Date Issued | Status |
|---------------------------------|------------------------|---------------|-------------|---------------------|------------------|-----------------|--------------------|----------------|-------------|--------------|---------------|----------------|--------|
| 6661K82 Bearing | | Purchased | No | | | | Each | 0.0000 | | 3 | | 2/4/11 | 3 |

| W/O: | | WORK ORDER CHANGES | | | | | |
|------|------|--------------------|----|------|-----|-------------------------------------|--------------------------|
| DATE | STEP | PROCEDURE CHANGE | By | Date | Qty | Approval Chief Eng / Prod Mgr | Approval QC Inspector |
| | | | | | | | |
| | | | | | | | |

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

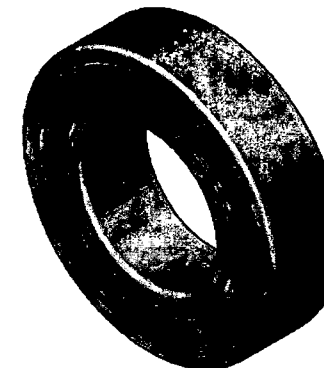
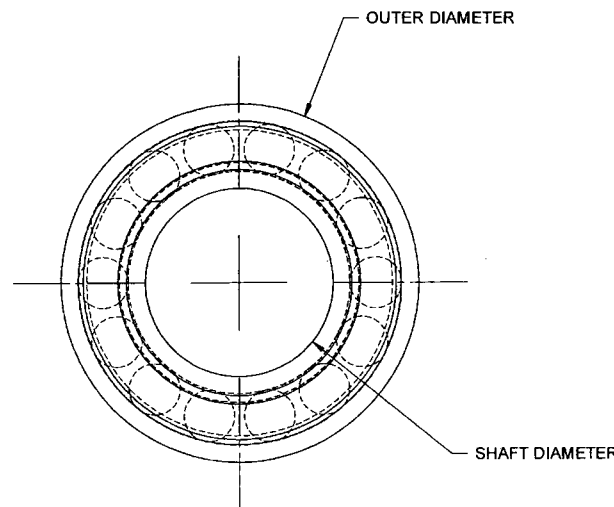
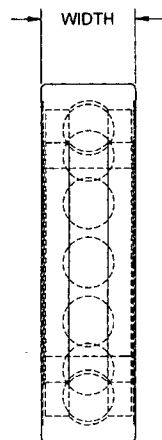
Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

| NCR: | | WORK ORDER NON-CONFORMANCE (NCR) | | | | | | |
|------|------|----------------------------------|-----------------------------|---------------------------------|----------------|---------------------------|-----------------------|--------------------------|
| DATE | STEP | Description of NC Section A | Corrective Action Section B | | | Verification Section C | Approval Chief Eng | Approval QC Inspector |
| | | | Initial Chief Eng | Action Description Chief Eng | Sign & Date | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |

NOTE: Date & initial all entries

SPECIFICATION CONTROL DRAWING

CF 1102101
W10.66003



RELEASED
08-02-11

D3742-X BEARING

| DART P/N | SHAFT DIAMETER | OUTER DIAMETER | WIDTH | MINIMUM TEMPERATURE | MAXIMUM TEMPERATURE | SPEED LIMIT | DYNAMIC LOAD RATING | TYPE | POSSIBLE SUPPLIERS | WEIGHT (LBS) |
|----------|------------------|-------------------|------------------|---------------------|---------------------|-------------|---------------------|---------------------|-----------------------|--------------|
| D3742-1 | 8 mm (0.315") | 22 mm (0.866") | 7 mm (0.276") | -40°C (-40°F) | 120°C (248°F) | 22,000 RPM | 770 LB | SEALED BALL BEARING | McMASTER-CARR 6661K82 | 0.03 |

△B

△B

△B

△B

- NOTES:
 1) POSSIBLE SUPPLIER: SEE TABLE
 2) FINISH: NONE
 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
 4) UNITS: INCHES UNLESS OTHERWISE NOTED
 5) BREAK SHARP EDGES: N/A
 6) IDENTIFICATION: N/A
 7) WEIGHT: SEE TABLE

| | | | |
|------------|---|---|--------------|
| B | McMASTER-CARR 6661K82 WAS SNR 608 FT150 | PH | 08.02.07 |
| A | NEW ISSUE | PH | 08.01.20 |
| REV. | DESCRIPTION | BY | DATE |
| DESIGN | RE | DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA | |
| DRAWN | RE | | |
| CHECKED | LE | DRAWING NO. | REV. B |
| MFG. APPR. | FD | D3742 | SHEET 1 OF 1 |
| APPROVED | CH | TITLE | SCALE |
| DE APPR. | CH | BEARING | NTS |
| DATE | 08.02.07 | COPYRIGHT © 2008 BY DART AEROSPACE LTD THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD | |



Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
Tel: 613 632 9577
Fax: 613 632 1053

PO REPRINT

Purchase Order ID PO13414

Purchase Order Date 2/01/11

PO Print Date 2/01/11

Page Number 1 of 1

Order From :

VU-MCM001

MCMaster-CARR SUPPLY CO,
P.O. BOX 7690
CHICAGO, IL 60680-7690
US

Contact Name

Vendor Phone 330 995 5500

Vendor Fax 330 995 9600

Vendor Account Nbr

Buyer

Chantal Lavoie

Requisition Nbr

PR100130/131

Tax Resale Nbr

10127-2607

Terms

Net 30

Currency

USD

FOB

Destination-Collect

Ship To :

DART AEROSPACE LTD

1270 ABERDEEN
HAWKESBURY, ON K6A 1K7
CANADA

FAKED
01/10/2012

| Line Nbr | Reference Revision ID Vendor Part Number | Description/ Mfg ID | Req Date/ Taxable | Req. Qty/ Unit of Measure | Ship Method | Unit Price | Extended Price |
|----------|--|--------------------------|--|------------------------------|------------------|------------|-------------------|
| 1 | 6661K82 | Bearing | 2/04/11 Yes | 3.00 Each | FedEx PI collect | \$9.7900 | \$29.37 |
| | | Special Inst: | AS PER DWG D3742 REV. B B66003 MCMaster P/N: 6661K82 | | | | |
| 2 | | 91580A221 SNAP RING | 2/04/11 Yes | 3.00 | FedEx PI collect | \$2.1400 | \$6.42 |
| | | Deliver To: J-L | | | | | |
| 3 | | 8625A68 RAD GAUGE | 2/04/11 Yes | 1.00 | FedEx PI collect | \$12.7500 | \$12.75 |
| | | Deliver To: J-L | | | | | |
| 4 | | 4974T25 USB EXTENSION | 2/04/11 Yes | 1.00 | FedEx PI collect | \$6.4100 | \$6.41 |
| | | Deliver To: J-L | | | | | |

PO Total:

\$54.95

CERTIFICATE OF CONFORMITY
REQ'D UPON DELIVERY

Change Nbr: 2

Change Date: 2/01/11

No substitution or deviation without
consent.
Certificate of Conformity or Material
Certification required when applicable



McMASTER-CARR®

200 Aurora Industrial Parkway
Aurora OH 44202
330-995-5500
cle.sales@mcmaster.com

Dart Aerospace Ltd
1270 Aberdeen St
Hawkesbury ON K6A 1K7
Canada

Purchase Order
PO13414

Page 1 of 2

McMaster-Carr Number
3183588-01

02/02/2011

| Line | Description | Ordered | Shipped |
|------|--|-------------------|---------|
| 1 | 6661K82 Precision-Plus Steel Ball Bearing -- ABEC-1, Double Sealed Bearing No. 608 for 8 mm Shaft Diameter Unit Price: \$9.79 Extended Price: \$29.37 | 3 Each | 3 |
| 2 | 91580A221 Stainless Steel Internal Retaining Ring, for 1-1/8" Bore Diameter, Packs of 1 Unit Price: \$2.14 Extended Price: \$6.42 | 3 Packs | 3 |
| 3 | 8625A68 Fold-Out Radius Gauge Set, 32 Gauges, 17/64" to 1/2" By 64ths Radii Range Unit Price: \$12.75 Extended Price: \$12.75 | 1 Each | 1 |
| 4 | 4974T25 USB Cord, A-to-A (male to Female), 3' Length Unit Price: \$5.00 Extended Price: \$5.00 | 1 Each | 1 |

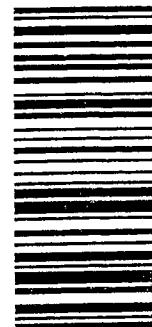
A11

| | | | | |
|--------------|---------|-----|------|---|
| 3 - 501 - 02 | 05 - 89 | K82 | 3 EA | 1 |
| 3 - 325 | | | | 2 |
| 1 - 124 | | | | 3 |
| 1 - 282 | | | | 4 |

Dart Aerospace Ltd

**EXP
INV**

Sm
12x7x5



1 lb
4 lines

FW1WBP32
02/02/2011
06:45/08:37
414
Cycle 15

1103329608668